

BLACK CHROME

Instructions

- o **1**
Prepare the item to be chromed. Black chrome attaches best to nickel, which adheres best to copper. Take special care prepping and polishing the item, as your preparatory work will directly influence the finished product.
- o **2**
Prepare the chromic acid bath, using 33 ounces per gallon of chromic acid, 28.2 ounces per gallon of acetic acid and 1 ounce per gallon of barium acetate. Add this mixture to an appropriate amount of water at 90 to 115 degrees Fahrenheit with a current density of 0.25 to 0.63 amps per square inch.

□ **3**

Submerge the item to be plated in to the acid bath and agitate until desired chrome thickness is achieved.

□ **4**

Remove the item from the acid bath and buff it to a high finish if necessary. Apply a commercially available clear coat to help protect the finish.

Read more: http://www.ehow.com/how_7917542_black-chrome-plating-process.html#ixzz2dBTltLiu

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